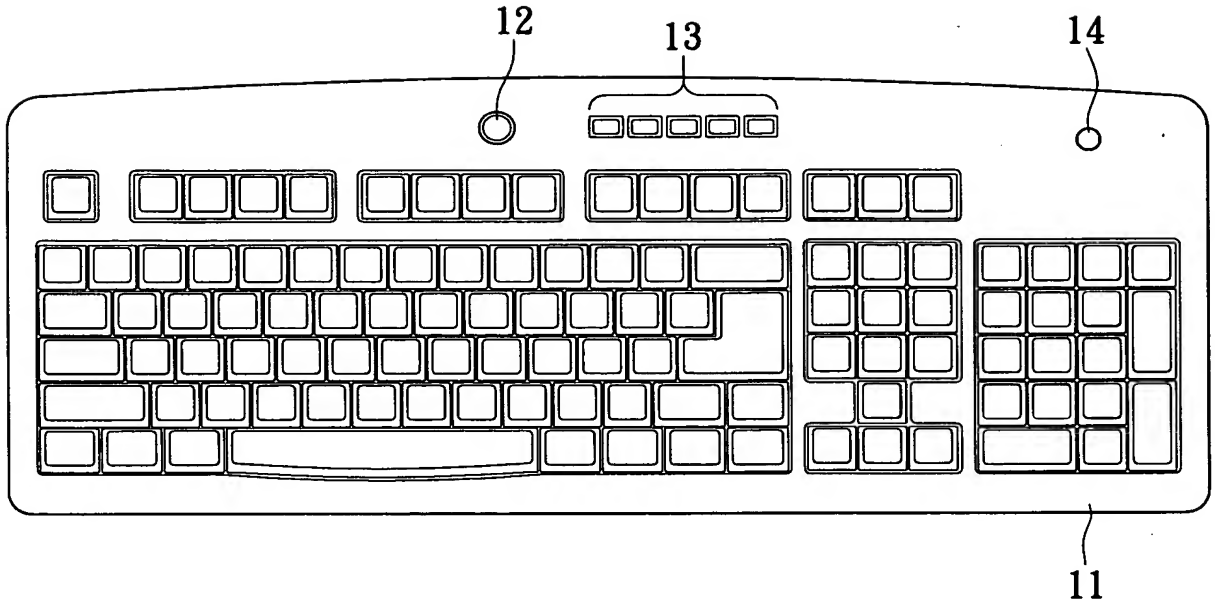
12
13
14
11

FIG. 1

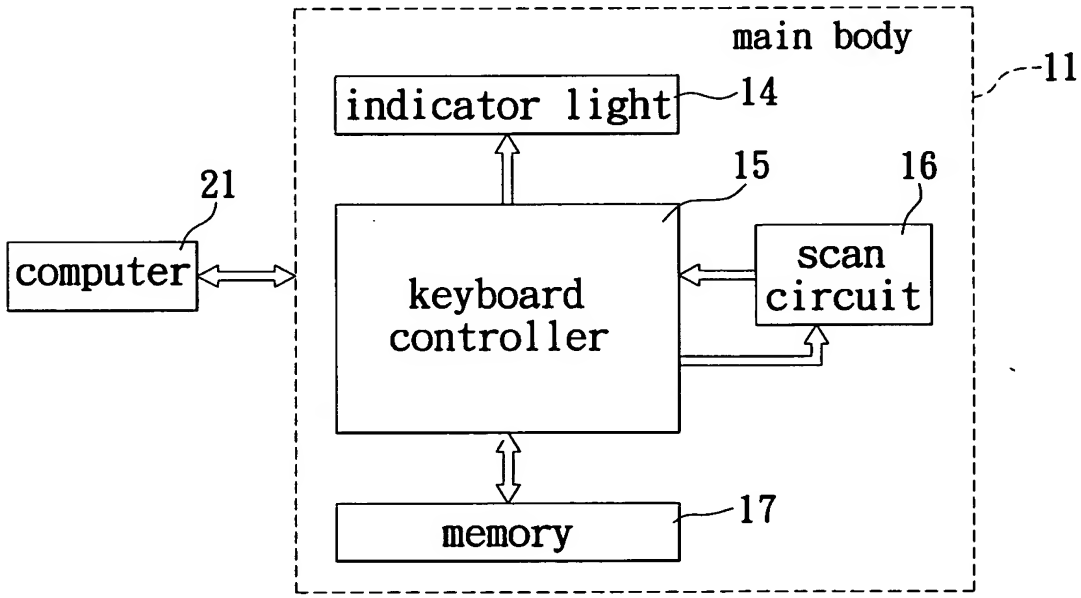
main body
11
indicator light
14
15
16
21
computer
keyboard
controller
scan
circuit
memory
17

FIG. 2

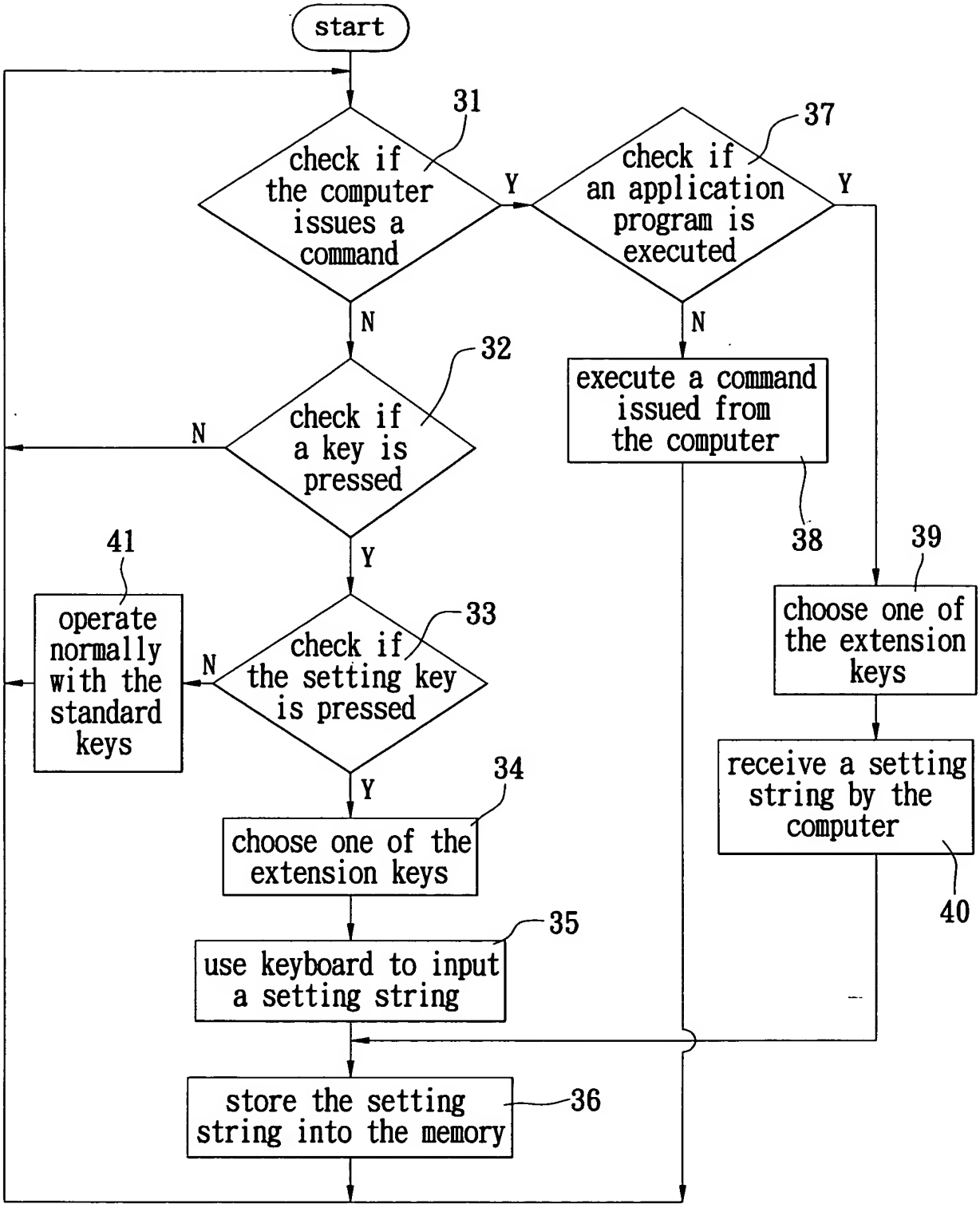
start
31
check if the computer issues a command
Y
37
check if an application program is executed
Y
N
N
32
check if a key is pressed
N
execute a command issued from the computer
38
39
Y
41
operate normally with the standard keys
N
33
check if the setting key is pressed
choose one of the extension keys
receive a setting string by the computer
Y
34
choose one of the extension keys
40
35
use keyboard to input a setting string
store the setting string into the memory
36

FIG. 3

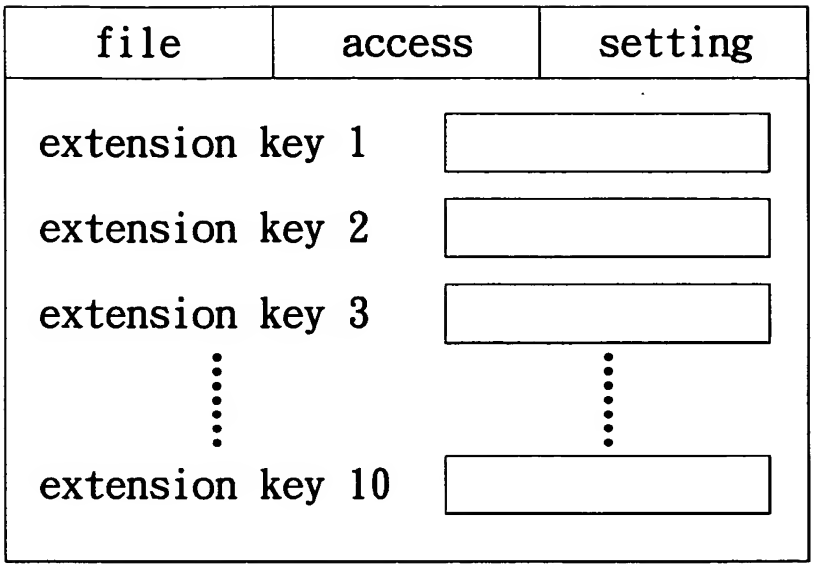
file
access
setting
extension key 1
extension key 2
extension key 3
extension key 10

FIG. 4

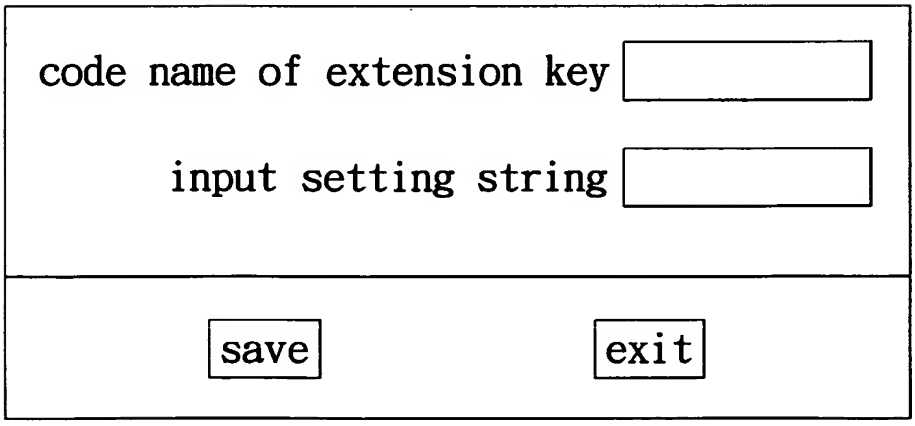
code name of extension key
input setting string
save
exit

FIG. 5